SEP 1 9 2002

C BADEMAR

PTO/SB/08A (10-96)
Please type e plus sign (+) Inside this box + + Approved for use through 10/31/99. OMB 0651-0031
Petent end Trademerk Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(usa as many sheets as necessary)

of Sheet

Complete if Known					
Application Number	09/671,918				
Filing Date	9/28/2000				
First Named Inventor	Andrzej Partyka				
Group Art Unit	2635				
Examiner Name					
Attorney Docket Number	A.Partyka 12				

			U.S. PATENT DOC	UMENTS	
Examine	niner Cite U.S. Patent Document Kind Code²		Neme of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Rolevant Pessages or Relevant
Initiels	No.1	Number (if known)		MM-DD-YYYY	Figures Appear
MAN	1	4,435,821	Ito et al.	3/84	
	2	4,606,041	Kadin	8/86	RECEIVED
	3	4,612,652	Kadin	9/86	
	4	5,610,907	Barret	3/97	SEP 2 0 2002
	5	5,659,303	Adair, Jr.	8/97	
	6	4,843,638	Walters	6/89	Technology Center 2600
	7	5,428,602	Kemppainen	6/95	Technology Certics
$\vdash$	8	4,614,945	Brunius et al.	9/86	
	9	5,428,637	Oliva et al.	6/95	
	10	5,438,329	Gasouniotis et al.	8/95	
	111	5,408,506	Mincher et al.	4/95	
	12	4,653,068	Kadin	3/87	
	13	5,390,166	Rohani et al.	2/95	
	14	5,546,422	Yokev et al.	8/96	
	15	5,079,768	Flammer .	1/92	
	16	5,121,407	Partyka et al.	6/92	
	17	5,400,246	Wilson et al.	3/95	
	18	5,548,582	Brajal et al.	8/96	
	19	5,517,187	Bruwer et al.	5/96	
	1				

				F	ORE	IGN PATENT DOCUMEN	rs		
Exeminer Initials'	Cite No.1	Office <sup>3</sup>	Foreign Patent Doc		ode <sup>5</sup>	Name of Petentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Peges, Columns, Lines, Where Relevani Passages or Relevani Figures Appear	T6
		0.0-					. 11		
									1
·		-			+				+
		<del>                                     </del>							1
									╀
		╁╼╁							+
				7			9,1		工
		7		/					上

Date Examiner Considered Signature

Burden Hour Statement: This form is estimeted to take 2.0 hours to complete. Time will vary depending upon the needs of the individuel case. Any comments on the emount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Weshington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformence with MPEP 609. Draw line through citation if not in conformence end not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. 2 See ettached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to piece e check mark here if English language Translation is ettached.

PTO/SB/08B (10-96)

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Substitute for form 1449B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary) 2 of

09/671.918 **Application Number** 9/28/2000 Filing Date Andrzej Partyka First Named Inventor 2635 Group Art Unit **Examiner Name** Partyka 12 Attorney Docket Number

heet		2	of	2		Attorney Docket Number	Taityka 12	<u> </u>	Co.
pneet									$\mathcal{C}_{e_{n_i}}$
				THER PRIO	R ART - N	ON PATENT LITERATUR	RE DOCUMENTS		
Examiner Initials	Cite	lno item			thor (In CAPITA	LLETTERS), title of the articla ( nposium, catalog, atc.), date, pa ty and/or country where publish	ge(s), volume-issue numb	the er(8),	T <sup>2</sup>
III PA	20	ROBER	ГС. 471-	DIXON, "8 88309-3, F	Spread Sp Pages: 52	pectrum Systems", J -54, 217-235	ohm Wiley & Sor	ıs,1984 ————	
M	21	MARVIN Press, 1	I K. 885	SIMON, et	t al., "Spre 88175-017	ead Spectrum Comm 7-4, Vol 1, pages 352	unications", Con -358, Vol 3, page	nputer Sciences 386-398	e
	22	DON J. 1985, IS	TOI	RRIERI, "P 0-89006-1	Principles of 139-4. Pag	of Secure Communic ges 212-215, 132, 1	cation Systems", 48-150, 134-145,	Artech House 92-97	
	23					nunications: microwa ges 155, 156-161, 16		Prentice-Hal	Inc
		0							_
	-								
								4	
	+	<b>_</b>							
		1							
	-		_						
-	+	-				1			
			_						
Exami	inel		1		A/1		Date Considered (2	-12-03	

Signature \*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement. This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissionar for Patents, Washington, DC 20231.

<sup>&</sup>lt;sup>1</sup> Uniqua citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Piease type e plus si	gn (+) Inside	this bo	<b>&gt;</b> +

Complete if Known

09/671,918

PTO/SB/08A (10-96)
Approved for use through 10/31/99 OMB 0651-0031
Petent and Trademark Offica: U.S. DEPARTMENT OF COMMERCE
der the Paperwork Reduction Act of 1895, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**Application Number** 

Substitute for form 1449A/PTO

Sheet

2 3 2002

#### INFORMATION DISCLOSU STATEMENT BY APPLICA

(use as many sheets as necessary)

of

JKE	Filing Date	9/28/2000
ANT	First Named Inventor	Andrzej Partyka
	Group Art Unit	2635
1	Examiner Name	
	Attorney Docket Number	A.Partyka 12

			U.S. PATENT DOC	UMENTS	
xaminer nilials	Cite No.1	U.S. Patent Document  Kind Code  Number (it known)	Neme of Patentee or Applicant of Cited Document	Dete of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
1711814	24	5,956,621	Weiss et al.	9/21/99	
J. Hay	25	5,204,855	Bebee et al.	4/20/93	
311	26	4,040,054	Overman	8/2/77	
7/10	27	5,748,100	Gutman et al.	5/5/98	
1007	28	6,058,137	Partyka	5/2/00	
	29	Re. 32,905	Baran	4/11/89	
111	130	6,188,715 B1	Partyka	2/13/01	RECEIVED
<b>1</b> 110	31	6,144,693	Tabeta	11/7/00	
A	32	5,586,141	Ashdown et al.	12/17/96	SEP 2 5 2002
25 W	33	6,195,018	Ragle et al.	2/27/2001	256 m 3 5005
	34	5, 854,994	Canada et al.	12/29/1998	T . I I Oto 0000
	35	6,018,528	Gitlin et al.	1/25/2000	Technology Center 2600
221	36	5,960,047	Proctor et al.	9/28/1999	
TADY A	37	5,937,002	Anderson et al.	8/10/1999	
AST TA	38	5,532,702	Mintz	7/2/1996	
M/M		3,332,702			
			<del>                                     </del>		
		<del> </del>	<del>                                     </del>		_
		<del> </del>		<del>                                     </del>	
	ļ	<del> </del>		<del>-    </del>	<del></del>

				F	ORE	IGN PATENT DOCUMEN	TS		
Evaminar	Cite	F	oreign Petent Do	cument	$\Box$	Neme of Petentee or	Dete of Publication of	Pages, Columns, Linea, Where Relevant	
Examiner Initials	No.1	Office <sup>3</sup>	Number <sup>4</sup>	Kind Co (if know		Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevent Figures Appear	Τe
	_				T				
									$\mathbb{L}$
									_
								· · · · · · · · · · · · · · · · · · ·	_
									4
									4
			0 /						

Date Examiner Considered Signature

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the emount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademerk Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Drew line through citation if not in conformance and not considered. Include copy of this form with next communication to epplicant.

<sup>1</sup> Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the senel number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Stendard ST. 16 if possible. <sup>6</sup>Applicant is to piece e check merk here if English language Translation is attached.

Please type a plus sign (+) Inside this t	+
Please type a plus sign (+) iliside uns u	T

PTO/SB/08A (10-96)
Apparation use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO
INCORRATION

Sheet

AUG 1 4 2003

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

1 of 1

Complete if Known				
Application Number	09/671,918			
Filing Date	09/28//2000			
First Named Inventor	Andrzej Partyka			
Group Art Unit	2635			
Examiner Name				
Attorney Docket Number	A.Partyka 12			

				U.S. PATENT DOCU	MENTS	
Examiner Initials	Cite No.1	U.S. Patent Number	Document Kind Code <sup>2</sup> (if known)	Name of Petentee or Applicant of Cited Document	Dete of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Ralevant Passages or Relevant Figures Appear
7111	48	6,463,040		Dutta	10/8/2002	
491	49	3,609,729		Anderson	9/28/1971	
WM	50	6,222,440		Heller	4/24/2001	
						RECEIVED
						AUG 1 8 2003
						Hy Center 260
			_			14 Oction 1200

				F	ORE	IGN PATENT DOCUMEN	TS		
Examiner	Cite	F	oreign Patent D		1-4-5	Name of Patentee or	Date of Publication of	. Where Relevant	
Initials*	No.1	Office <sup>3</sup>	Number <sup>4</sup>	Kind C (if kno		Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	T <sub>6</sub>
-,	- 5								
									+
									+
				7	7				1
	$\angle$		$\Lambda$		4				上
Exami Signa		14	W I		A		Date Considered /2-	12-03	

\*EXAMINER: Initial if reference considered, whether or noticitation is in conformance with MPEP 609. Draw line through citetion if not in conformance and not considered. Include copy of this form with next communication to epplicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the eppropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is ettached.

Please type e ptus sign (+) inside this	+

PTO/SB/08A (10-96)
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
plection of information unless it contains a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to respon

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of 2 Sheet

ono to a conection of informace	Tuntess it combine a valid Outb Control number.						
Co	Complete if Known						
Application Number	09/671,918						
Filing Date	09/28//2000						
First Named inventor	Andrzej Partyka						
Group Art Unit	2635						
Examiner Name							
Attomey Docket Number	A.Partyka 12						

				U.S. PATENT DOCL	MENTS		
Exeminer Initialsi	Cite No.1	1 Number	nent Code <sup>2</sup> nown)	Neme of Petentee or Applicant of Cited Document	Dete of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
TURK	39	6,466,138		Partyka	10/15/02		
Mesi	40	6,535,544		Partyka	3/18/03		
LUH.	41	6,377,609		Brennan, Jr.	4/23/02		
1117	<sub>↑</sub> 42	5,668,828		Sanderford, Jr. et al	9/16/97		
- Jul	<b>∤4</b> 3	5,287,384		Avery et al	2/15/94	PECEIVE	
SHUR!	44	6,333,975		Brunn et al	12/25/01	REULIVI	
mili	45	5,553,094		Johnson et al	9/3/96		
						JUI 2-5 2003	- >
						Technology Center	2600
		111					

				FORE	IGN PATENT DOCUMEN	TS		
Examiner	Cite	、 F	oreign Patent Do		Name of Petentee or	Date of Publication of	Peges, Columns, Lines, Where Rejevant	T
Initiais'	No.1	Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>s</sup> ( <i>if known</i> )	Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevent Figures Appear	1e
					•			
								-
								$\top$
								T
								T
								1
			ı					$\top$
								$\top$
				)				1

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to epplicant.

Date

Considered

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the emount of time you are required to complete this form should be sent to the Chief information Officer, Patent and Trademerk Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Exammer

Signature

<sup>1</sup> Unique citation designation number. 2 See attached Kinds of U.S. Petent Documents. 3 Enter Office that issued the document, by the two-jetter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to piece e check mark here if English language Translation is attached.

Please type a plus sign (+) inside this DOX →	+	
Please type a plus sign ( )	لـنــا	

PTO/SB/08B (10-96)
Please type a plus sign (+) inside this box -> + Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use es meny sheets as necessery) 2 of 2

nplete if Known	
09/671,918	
09/28/2000	
Andrzej Partyka	
2635	
Partyka 12	
	09/671,918 09/28/2000 Andrzej Partyka 2635

Sheet			of	2	1	Attorney Docket Nur	.bc.	raityka			
		2									
			OTHE	R PRIOR AR	T - NON	PATENT LITERA	TURE D	OCUMEN	TS		
Examiner nitials*	Cite	lno		of the author (in	CAPITAL L	ETTERS), title of the ansium, catalog, etc.), da and/or country where pu	te. page(s).				T <sup>2</sup>
4400	46	US Pa	atent Ap	plication P	ublicatio	on number: US	2002/0	027504	- Davis et	t al	
MA	47	Euro	pean Pa	tent Applic	ation n	umber: 0 629 0	98 A2 -	Bishop			
			10	C (Sv) -	()-	*			- 41	× -	
										IVE	5
								F	ECE JUL 2	5 2003	
								ite	JUL 2	y Center	260
		1									
								<u></u>	<u> </u>	<u> </u>	
18											
-0			<u> </u>								

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to tha Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.